

SONY®

LCD Data Projector **VPL-CX4/CS4**

Compact, Elegant and Efficient to Match
Your Business Style



Compact dimensions and outstanding performance make these projectors the preferred choice for professional presentations.

The VPL-CX4 and VPL-CS4 are the latest additions to the ranks of high-quality Sony projectors, and are ideal for handling presentations when you are always on the move. Compact and light enough to be easily carried, yet with the assurance of images that are bright (1000 ANSI lumens) and clear, either of these projectors is an excellent choice. The VPL-CX4 provides XGA resolution and a full range of functions, while the VPL-CS4 is the SVGA model that is appropriate in less demanding applications.



New, innovative style

The VPL-CX4/CS4 set new standards in visual styling with their simple and elegant external design. At the touch of a button, the front panel flips on to the top of the unit so that the operational controls now face upwards for convenient operation. Twin speakers, mounted on either side of the controls, are angled for optimum stereo imaging. A second panel on the side of the unit opens to reveal the input connectors.



Handy and portable

Despite their compact size, the VPL-CX4/CS4 achieve an excellent brightness of 1000 ANSI lumens by adopting highly efficient 0.7-inch LCD panels and a fly-eye lens. The VPL-CX4 provides true XGA (1024 x 768) resolution while the VPL-CS4 provides true SVGA (800 x 600) resolution. Weighing only around 2.4 kg (5lb 5oz), both models are easy to carry in the supplied carrying bag, so their clear, brilliant images can be projected anywhere, anytime.



Quiet operation

Fan noise is minimised with a unique air discharge system, which positions the exhaust on the front of the unit. This means that these projectors run very quietly and the discharged air is kept away from the audience during presentations.



Smart presentations

USB Compatibility and Projector Station Software (VPL-CX4 only)

The VPL-CX4 is USB-ready. Connecting a PC running Sony Projector Station software*1*2 to the USB port enables functions such as input selection and picture settings to be controlled from the PC.

Also, when presentation materials are assigned in the software beforehand, they can be opened instantly with the two Function keys on the supplied remote control unit.



*1 Projector Station software requirements: Microsoft® Windows® 98, Windows 98 SE, Windows Me or Windows 2000 operating system.
*2 Projector Station for Presentation is not applicable to the VPL-CX4.

Useful Remote Control Unit

The VPL-CX4 is supplied with a RM-PJM11 remote control unit, which has an integrated mouse function for point-and-click control of your USB-connected computer.

An alternative remote control unit, the card-size RM-PJ2, is supplied with the VPL-CS4. Both these control units are equipped with keys to control various functions, providing smooth, impressive presentations.



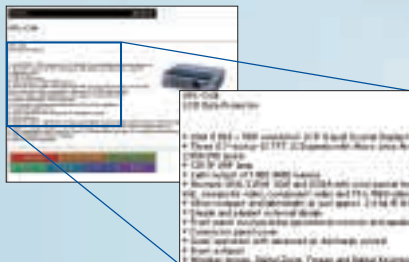
RM-PJ2



RM-PJM11

4-times Digital Zoom

Any part of the projected image can be zoomed in during a presentation to assist in conveying a clear message.



Freeze

The Freeze function displays a freeze-frame while preparing or switching to the next image.

Simple setup

Various Inputs

Both the VPL-CX4 and VPL-CS4 have a built-in scan converter so that they can accept composite video, component video and RGB video input signals. The VPL-CX4 accepts PC signals up to SXGA, while the VPL-CS4 accepts signals up to XGA resolution.

Digital Keystone Correction

Keystone distortion of up to 15 degrees can be digitally corrected. Images can be projected with the correct geometry even where installation space is limited.

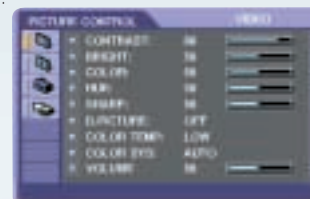


APA (Auto Pixel Alignment)

With APA, a single-button "press and play" operation ensures that the display is correctly sized and adjusted for optimum picture performance.

OSD

The On-Screen Display for projector control is available in nine languages: English, French, Spanish, German, Italian, Portuguese, Japanese, Chinese and Korean. Its screen position and colour can be altered, depending on user preference.



Specifications

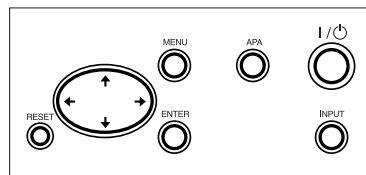
		VPL-CX4	VPL-CS4
OPTICAL	Projection system	3 LCD panels, 1 lens projection system	
	LCD panel	0.7-inch p-Si TFT LCD panel with Micro Lens Array, 2,359,296 pixels (786,432 pixels x 3)	0.7-inch p-Si TFT LCD panel with Micro Lens Array, 1,440,000 pixels (480,000 pixels x 3)
	Projection lens	1.2 times zoom lens, F1.8 to 2.2, f28.4 to 34.0 mm	
	Lamp	120 W UHP lamp	
	Screen coverage*1	40 to 150 inches	
	Light output	1000 ANSI lumens*2	
	Throwing distance (Screen size*1)		
	40-inch	1593 to 1845 mm	1586 to 1837 mm
	60-inch	2413 to 2789 mm	2402 to 2777 mm
	80-inch	3232 to 3733 mm	3217 to 3716 mm
SIGNALS	Colour system	NTSC, PAL, SECAM, NTSC 4.43, PAL-M, PAL-N	
	Resolution	VIDEO: 750 TV lines, RGB: 1024 x 768 pixels	VIDEO: 600 TV lines, RGB: 800 x 600 pixels
	Acceptable signals	RGB (fH: 19 to 92 kHz, fV: 50 to 92 Hz), 15 kHz component 50/60 Hz system, composite video, Y/C video	RGB (fH: 19 to 72 kHz, fV: 50 to 92 Hz), 15 kHz component 50/60 Hz system, composite video, Y/C video
GENERAL	Cabinet colour	Silky Silver	
	Speaker	Max. 0.5 W x 2 (stereo)	
	Power requirements	AC 100 to 240 V, 50/60 Hz	
	Power consumption	Max. 190 W, Standby 5 W	
	Operating temperature	0 to 35 °C (32 to 95 °F)	
	Operating humidity	35 to 85 %	
	Dimensions*3	275 (W) x 65 (H) x 214 (D) mm (10 7/8 x 2 5/8 x 8 1/2 inches)	
	Mass	Approx. 2.4 kg (5 lb 5 oz)	
	Heat dissipation	648.4 BTU	
INPUTS / OUTPUTS	VIDEO IN	Phono, 1.0 Vp-p \pm 2 dB, sync negative, 75 Ω	
	Composite Y/C IN	Mini DIN 4-pin	
	Y	1.0 Vp-p \pm 2 dB, sync negative, 75 Ω	
	C	Burst 0.286 Vp-p \pm 2 dB (NTSC), 75 Ω or 0.3 Vp-p \pm 2 dB (PAL), 75 Ω	
	INPUT A		
	Analog RGB/Component R/R-Y	HD D-sub 15-pin (female)	
	G	0.7 Vp-p \pm 2 dB, positive, 75 Ω	
	G with Sync/Y	0.7 Vp-p \pm 2 dB, positive, 75 Ω	
	B/B-Y	1.0 Vp-p \pm 2 dB, sync negative, 75 Ω	
	SYNC/HD	0.7 Vp-p \pm 2 dB, positive, 75 Ω	
SAFETY REGULATIONS	Composite sync	1.0 to 5.0 Vp-p, high impedance positive/negative	
	Horizontal sync	1.0 to 5.0 Vp-p, high impedance positive/negative	
	VD		
	Vertical sync	1.0 to 5.0 Vp-p, high impedance positive/negative	
	USB	Up (B type female)	
	AUDIO IN	Stereo mini jack, 500 mV rms, impedance more than 47 k Ω	
SUPPLIED ACCESSORIES		Remote Commander RM-PJM11, Monitor Cable, USB Cable: A type to B type, CD-ROM (Application Software), Carrying Bag, Ferrite Core, AA size Battery (2), Air Filter, AC Power Cord, Operation Manual, Quick Reference Sheet	
		Remote Commander RM-PJ2, Monitor Cable, Carrying Bag, Ferrite Core, CR2025 Battery, Air Filter, AC Power Cord, Operation Manual, Quick Reference Sheet	

*1 Viewable area, measured diagonally.

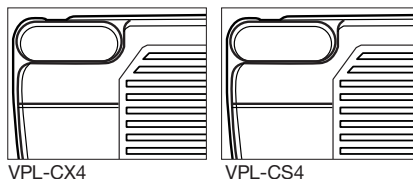
*2 ANSI lumens is a measuring method of the American National Standards Institute IT7.228.

*3 Excluding all protruding parts.

Control Panel



Connector Panel



Preset Data of Input Signals

Memory No.	Preset Signal	fH (kHz)	fV (Hz)	H/V Polarity
1	Video 60 Hz	15.734	59.940	N/N
2	Video 50 Hz	15.625	50.000	N/N
3	15 K RGB/Component 60 Hz	15.734	59.940	S on G
4	15 K RGB/Component 50 Hz	15.625	50.000	S on G
5	640 x 350 VGA mode 1	31.469	70.086	P/N
6	VGA VESA 85 Hz	37.861	85.080	P/N
7	640 x 400 PC-9801 Normal	24.823	56.416	N/N
8	VGA mode 2	31.469	70.086	N/P
9	VGA VESA 85 Hz	37.861	85.080	N/P
10	640 x 480 VGA mode 3	31.469	59.940	N/N
11	Macintosh 13"	35.000	66.667	S on G
12	VGA VESA 72 Hz	37.861	72.809	N/N
13	VGA VESA 75 Hz	37.500	75.000	N/N
14	VGA VESA 85 Hz	43.269	85.008	N/N
15	800 x 600 SXGA VESA 56 Hz	35.156	56.250	P/P
16	SXGA VESA 60 Hz	37.879	60.317	P/P
17	SXGA VESA 72 Hz	48.077	72.188	P/P
18	SXGA VESA 75 Hz	46.875	75.000	P/P
19	SXGA VESA 85 Hz	53.674	85.061	P/P
20	832 x 624 Macintosh 16"	49.724	74.550	N/N
21	1024 x 768 XGA VESA 43 Hz	35.524	43.479	P/P
22	XGA VESA 60 Hz	48.363	60.004	N/N
23	XGA VESA 70 Hz	56.476	69.955	N/N
24	XGA VESA 75 Hz	60.023	75.029	P/P
25	XGA VESA 85 Hz	68.677	84.997	P/P
26	1152 x 864 SXGA VESA 70 Hz	63.995	70.019	P/P
27	SXGA VESA 75 Hz	67.500	75.000	P/P
28	SXGA VESA 85 Hz	77.487	85.057	P/P
29	1152 x 900 Sunmicro LO	61.795	65.960	N/N
30	Sunmicro HI	71.713	76.047	C Neg
31	1280 x 960 SXGA VESA 60 Hz	60.000	60.000	P/P
32	SXGA VESA 75 Hz	75.000	75.000	P/P
33	1280 x 1024 SXGA VESA 43 Hz	46.433	43.436	P/P
34	SGI-5	53.316	50.062	S on G
35	SXGA VESA 60 Hz	63.974	60.013	P/P
36	SXGA VESA 75 Hz	79.976	75.025	P/P
37	SXGA VESA 85 Hz	91.146	85.024	P/P

* Images may not be reproduced correctly when signals other than the above are input.

Optional Accessories

Projector Lamp
(for replacement)
LMP-C121

Signal Cables
SMF-402
(HD D-sub 15-pin to HD D-sub phono x 3, for component signal)



LMP-C121

For further information or your nearest Authorised Sony Display Dealer:

Australia:

Ph: 1800 017 669
Or Visit www.sony.com.au/projectors

Sony Australia Limited
33-39 Talavera Road
North Ryde NSW 2113
Ph: 1800 017 669
Fax: 1800 117 669

ABN: 59 001 215 354

New Zealand:

Ph: 0800 7669 776
Or email us at sonypro@sony.co.nz

Sony New Zealand Limited
Akoranga Business Park
Northcote Auckland
Ph: 0800 7669 776
Fax: (09) 488 0503

©2001 Sony Corporation. All rights reserved.
Reproduction in whole or in part without permission is prohibited.
Features and specifications are subject to change without notice.
All non-metric weights and measures are approximate.
Sony is a registered trademark of Sony Corporation.
Microsoft and Windows are registered trademarks of Microsoft Corporation.
Macintosh is a registered trademark of Apple Computer, Inc.